

**VALIDATED DATA FOR SDGs 136, 146, 147, 148, 149, 150, 167,
168, 169, and 170**

**OF THE
CAMP EDWARDS
IMPACT AREA GROUNDWATER STUDY**

**MASSACHUSETTS MILITARY RESERVATION
CAPE COD, MASSACHUSETTS**

Prepared for

**NATIONAL GUARD BUREAU
ARLINGTON, VIRGINIA**

Prepared by

**OGDEN ENVIRONMENTAL AND ENERGY SERVICES
239 Littleton Road, Suite 1B
Westford, Massachusetts 01886**

October 1999



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168, 169, and 170**

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* No samples scheduled for EPA method/matrix

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| 37 | 37 | 37 | 37 | 37 | 37 | 37 |
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| 42 | 42 | 42 | 42 | 42 | 42 | 42 |
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| 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| 45 | 45 | 45 | 45 | 45 | 45 | 45 |
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| 47 | 47 | 47 | 47 | 47 | 47 | 47 |
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| 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 51 | 51 | 51 | 51 | 51 | 51 | 51 |
| 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| 57 | 57 | 57 | 57 | 57 | 57 | 57 |
| 58 | 58 | 58 | 58 | 58 | 58 | 58 |
| 59 | 59 | 59 | 59 | 59 | 59 | 59 |
| 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| 63 | 63 | 63 | 63 | 63 | 63 | 63 |
| 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 66 | 66 | 66 | 66 | 66 | 66 | 66 |
| 67 | 67 | 67 | 67 | 67 | 67 | 67 |
| 68 | 68 | 68 | 68 | 68 | 68 | 68 |
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| 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 76 | 76 | 76 | 76 | 76 | 76 | 76 |
| 77 | 77 | 77 | 77 | 77 | 77 | 77 |
| 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| 79 | 79 | 79 | 79 | 79 | 79 | 79 |
| 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| 82 | 82 | 82 | 82 | 82 | 82 | 82 |
| 83 | 83 | 83 | 83 | 83 | 83 | 83 |
| 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| 92 | 92 | 92 | 92 | 92 | 92 | 92 |
| 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| 94 | 94 | 94 | 94 | 94 | 94 | 94 |
| 95 | 95 | 95 | 95 | 95 | 95 | 95 |
| 96 | 96 | 96 | 96 | 96 | 96 | 96 |
| 97 | 97 | 97 | 97 | 97 | 97 | 97 |
| 98 | 98 | 98 | 98 | 98 | 98 | 98 |
| 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 |

DATA QUALIFIER REFERENCE TABLE

| Qualifier | Organics | Inorganics |
|------------------|---|---|
| U | The analyte was analyzed for, but was not detected above the reported sample quantitation limit. | The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit |
| J | The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. | The associated value is an estimated quantity. |
| N | The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification." | Not applicable. |
| NJ | The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration. | Not applicable. |
| UJ | The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. | The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise. |
| R | The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified. | The data are unusable. (Note: Analyte may or may not be present). |

QUALIFICATION CODE REFERENCE TABLE

| Qualifier | Organics | Inorganics |
|------------------|---|---|
| H | Holding times were exceeded. | Holding times were exceeded. |
| S | Surrogate recovery was outside QC limits. | The sequence or number of standards used for the calibration was incorrect. |
| C | Calibration %RSD or %D were noncompliant. | Correlation coefficient is <0.995. |
| R | Calibration RRF was <0.05. | %R for calibration is not within control limits. |
| B | Presumed contamination from preparation (method) blank. | Presumed contamination from preparation (method) or calibration blank. |
| L | Not applicable. | Laboratory Control Sample %R were not within control limits. |
| Q | MS/MSD recovery was poor or RPD high. | MS recovery was poor. |
| E | Not applicable. | Duplicates showed poor agreement. |
| I | Internal standard performance was unsatisfactory. | ICP ICS results were unsatisfactory. |
| A | Not applicable. | ICP Serial Dilution %D were not within control limits. |
| M | Tuning (BFB or DFTPP) was noncompliant. | Not applicable. |
| T | Presumed contamination from trip blank. | Not applicable. |
| + | False positive - reported compound was not present. | Not applicable. |
| - | False negative - compound was present but not reported. | Not applicable. |
| F | Presumed contamination from FB or ER. | Presumed contamination from FB or ER. |
| \$ | Reported result or other information was incorrect. | Reported result or other information was incorrect. |
| ? | TIC identity or reported retention time has been changed. | Not applicable. |
| D | The analysis with this flag should not be used because another more technically sound analysis is available. | The analysis with this flag should not be used because another more technically sound analysis is available. |
| P | Instrument performance for pesticides was poor. | Post Digestion Spike recovery was not within control limits. |
| *# | Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found. | Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found. |

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GROUP A: EXPLOSIVES (WATER)

| GIS_LOCID | 3 Arnold Rd. | 3 Raccoon Lane | 4 Old Snake Pon | 6 Old Snake Pon | 10 Arnold Rd. | | | | | | | |
|-----------------------------|-------------------|----------------|-----------------|-------------------|---------------|---------------|-------------------|---------------|---------------|-------------------|---------------|---------------|
| LAB_EPA_NO | AC662 | AC655 | AC657 | AC658 | AC663 | | | | | | | |
| Date Sampled | 5/25/99 | 5/25/99 | 5/25/99 | 5/25/99 | 5/25/99 | | | | | | | |
| Depth | - | - | - | - | - | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/L) | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 1,3-DINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| TETRYL | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| NITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| PICRIC ACID | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 4-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 3-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | U | 0.50 U | U | U | 0.50 U | U | U | 0.50 U | U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ C | UJ C | 0.25 U | UJ C | UJ C | 0.25 U | UJ C | UJ C | 0.25 U | UJ C | UJ C |
| PENTAERYTHRITOL TETRANITI | 10.00 U | U | U | 10.00 U | U | U | 10.00 U | U | U | 10.00 U | U | U |
| NITROGLYCERIN | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U |

Depths are measured in feet below the water table.

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GROUP A: EXPLOSIVES (WATER)

| GIS_LOCID | 11 Old Snake Po | 12 Old Snake Po | 14 Arnold Rd. | 15 Arnold Rd. | 18 Old Snake Po | | | | |
|-----------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AC659 | AC660 | AC664 | AC665 | AC661 | | | | |
| Date Sampled | 5/25/99 | 5/25/99 | 5/25/99 | 5/25/99 | 5/25/99 | | | | |
| Depth | - | - | - | - | - | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/L) | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 1,3-DINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| TETRYL | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| NITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| PICRIC ACID | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 4-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 3-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | U | 0.50 U | U | U | 0.50 U | U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ | C | 0.25 U | UJ | C | 0.25 U | UJ | C |
| PENTAERYTHRITOL TETRANITI | 10.00 U | U | U | 10.00 U | U | U | 10.00 U | U | U |
| NITROGLYCERIN | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U |

Depths are measured in feet below the water table.

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GROUP A: EXPLOSIVES (WATER)

| GIS LOCID | 24 Arnold Rd. | 33 Arnold Rd. | 34 Arnold Rd. | 36 Arnold Rd. | 39 Arnold Rd. |
|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| LAB_EPA_NO | AC649 | AC650 | AC651 | AC652 | AC653 |
| Date Sampled | 5/25/99 | 5/25/99 | 5/25/99 | 5/25/99 | 5/25/99 |
| Depth | - | - | - | - | - |
| Method Analyte | ANALYTICAL RESULT | ANALYTICAL RESULT | ANALYTICAL RESULT | ANALYTICAL RESULT | ANALYTICAL RESULT |
| | LAB QUAL | LAB QUAL | LAB QUAL | LAB QUAL | LAB QUAL |
| | REV QUAL | REV QUAL | REV QUAL | REV QUAL | REV QUAL |
| | QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE |
| 8330N (UG/L) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 1,3,5-TRINITROBENZENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 1,3-DINITROBENZENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| TETRYL | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| NITROBENZENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 2,6-DINITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 2,4-DINITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| PICRIC ACID | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 2-NITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 4-NITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 3-NITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | 0.50 U | 0.50 U | 0.50 U | 0.50 U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| PENTAERYTHRITOL TETRANITR | 10.00 U | 10.00 U | 10.00 U | 10.00 U | 10.00 U |
| NITROGLYCERIN | 5.00 U | 5.00 U | 5.00 U | 5.00 U | 5.00 U |

Depths are measured in feet below the water table.

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-2 | B-3 | B-3 | B-3 | B-3 |
|------------------------------|-------------------|---------------|---------------|-------------------|---------------|
| LAB_EPA_NO | AC254 | AC256 | AC724 | AC257 | AC258 |
| Date Sampled | 5/5/99 | 5/6/99 | 6/8/99 | 5/6/99 | 5/6/99 |
| Depth | 15-16 | 3-4 | 42-44 | 4-5 | 5-6 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| | | | | | |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | | | |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | | | |
| 1,3-DINITROBENZENE | 120.00 U | U | | | |
| TETRYL | 120.00 U | U | | | |
| NITROBENZENE | 120.00 U | U | | | |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | | | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | | | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | | | |
| 2,6-DINITROTOLUENE | 120.00 U | U | | | |
| 2,4-DINITROTOLUENE | 120.00 U | U | | | |
| PICRIC ACID | 120.00 U | U | | | |
| 2-NITROTOLUENE | 120.00 U | U | | | |
| 4-NITROTOLUENE | 120.00 U | U | | | |
| 3-NITROTOLUENE | 120.00 U | U | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | | | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ C | | | |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | | | |
| NITROGLYCERIN | 2500.00 U | U | | | |

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-3 | B-3 | B-3 | B-3 | B-3 |
|------------------------------|-------------------|---------------|---------------|-------------------|---------------|
| LAB EPA_NO | AC259 | AC372 | AC260 | AC261 | AC262 |
| Date Sampled | 5/6/99 | 5/6/99 | 5/6/99 | 5/6/99 | 5/6/99 |
| Depth | 6-7 | 6-7 | 7-8 | 8-9 | 9-10 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| | | | | | |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1,4 | 120.00 U | U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ C | UJ C | 120.00 U | UJ C |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

| GIS_LOCID | B-3 | B-3 | B-3 | B-3 | B-3 |
|------------------------------|-------------------|---------------|---------------|-------------------|---------------|
| LAB_EPA_NO | AC263 | AC264 | AC265 | AC266 | AC267 |
| Date Sampled | 5/6/99 | 5/6/99 | 5/6/99 | 5/6/99 | 5/6/99 |
| Depth | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| | | | | | |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1,4 | 120.00 U | U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | C | 120.00 U | UJ |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-3 | B-3 | B-3 | B-3 |
|-----------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| LAB_EPA_NO | AC268 | AC670 | AC671 | AC726 |
| Date Sampled | 5/6/99 | 6/8/99 | 6/8/99 | 6/8/99 |
| Depth | 15-16 | 16-18 | 16-20 | 20-22 |
| Method Analyte | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE |
| | REV QUAL CODE | REV QUAL CODE | REV QUAL CODE | REV QUAL CODE |
| 8330N (UG/KG) | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ C | 120.00 U | UJ C |
| PENTAERYTHRITOL TETRANITI | 5000.00 U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

| GIS_LOCID | B-3 | B-3 | B-3 | B-3 | B-3 |
|--|-------------------|---------------|---------------|-------------------|---------------|
| LAB_EPA_NO | AC673 | AC674 | AC675 | AC676 | AC677 |
| Date Sampled | 6/8/99 | 6/8/99 | 6/8/99 | 6/8/99 | 6/8/99 |
| Depth | 22-24 | 24-26 | 26-28 | 28-30 | 30-32 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| | | | | | |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | C | 120.00 U | UJ |
| PENTAERYTHRITOL TETRANITRATE | 5000.00 U | U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-3 | B-3 | B-3 | B-3 | B-3 |
|-----------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| LAB_EPA_NO | AC678 | AC679 | AC727 | AC680 | AC681 |
| Date Sampled | 6/8/99 | 6/8/99 | 6/8/99 | 6/8/99 | 6/8/99 |
| Depth | 32-34 | 34-36 | 34-36 | 36-38 | 38-40 |
| Method Analyte | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE |
| | REV QUAL | REV QUAL | REV QUAL | REV QUAL | REV QUAL |
| | QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | 120.00 U | U | 120.00 U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | 120.00 U | U | 120.00 U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 1,3-DINITROBENZENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| TETRYL | 120.00 U | U | 120.00 U | U | 120.00 U |
| NITROBENZENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 2,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 2,4-DINITROTOLUENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| PICRIC ACID | 120.00 U | U | 120.00 U | U | 120.00 U |
| 2-NITROTOLUENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 4-NITROTOLUENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 3-NITROTOLUENE | 120.00 U | U | 120.00 U | U | 120.00 U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | 250.00 U | U | 250.00 U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ C | 120.00 U | UJ C | 120.00 U |
| PENTAERYTHRITOL TETRANITI | 5000.00 U | U | 5000.00 U | U | 5000.00 U |
| NITROGLYCERIN | 2500.00 U | U | 2500.00 U | U | 2500.00 U |

Depths are measured in feet below ground surface

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| B-4 | | B-4 | | B-4 | | B-4 | | B-4 | | B-4 | | B-4 | |
|----------------------|--|--------------|-------|----------------|-------------------|---------------|---------------|-------------------|---------------|---------------|-------------------|---------------|---------------|
| GIS_LOCID | LAB_EPA_NO | Date Sampled | Depth | Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/KG) | | | | | | | | | | | | | |
| | OCTAHYDRO-1,3,5,7-TETRANITRO | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRINITROBENZENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 1,3-DINITROBENZENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | TETRYL | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | NITROBENZENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 2,4,6-TRINITROTOLUENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 4-AMINO-2,6-DINITROTOLUENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 2-AMINO-4,6-DINITROTOLUENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 2,6-DINITROTOLUENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 2,4-DINITROTOLUENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | PICRIC ACID | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 2-NITROTOLUENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 4-NITROTOLUENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 3-NITROTOLUENE | | | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| | 2,6-DIAMINO-4-NITROTOLUENE | | | | 250.00 U | U | | 250.00 U | U | | 250.00 U | U | |
| | 2,4-DIAMINO-6-NITROTOLUENE | | | | 120.00 U | UJ | C | 120.00 U | UJ | C | 120.00 U | UJ | C |
| | PENTAERYTHRITOL TETRANITRATE | | | | 5000.00 U | U | | 5000.00 U | U | | 5000.00 U | U | |
| | NITROGLYCERIN | | | | 2500.00 U | U | | 2500.00 U | U | | 2500.00 U | U | |

Depths are measured in feet below ground surface

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-4 | B-4 | B-4 | B-4 | B-4 |
|------------------------------|-------------------|---------------|---------------|-------------------|---------------|
| LAB_EPA_NO | AC280 | AC281 | AC282 | AC683 | AC684 |
| Date Sampled | 5/6/99 | 5/6/99 | 5/6/99 | 6/9/99 | 6/9/99 |
| Depth | 13-14 | 14-15 | 15-16 | 16-18 | 18-20 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| | | | | | |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ C | UJ C | 120.00 U | UJ C |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

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GROUP C: EXPLOSIVES (SOIL)

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-4 | | | | B-5 | | | | B-5 | | | | | | | |
|-----------------------------|-------------------|----------|----------|-----------|-------------------|----------|----------|-----------|-------------------|----------|----------|-----------|-------------------|----------|----------|-----------|
| LAB_EPA_NO | AC694 | | | | AC695 | | | | AC284 | | | | | | | |
| Date Sampled | 6/9/99 | | | | 6/9/99 | | | | 5/6/99 | | | | | | | |
| Depth | 38-40 | | | | 40-42 | | | | 3-4 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| 8330N (UG/KG) | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 1,3-DINITROBENZENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| TETRYL | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| NITROBENZENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| PICRIC ACID | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 2-NITROTOLUENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 4-NITROTOLUENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 3-NITROTOLUENE | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | | 120.00 U | U | U | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | | 250.00 U | U | U | | 250.00 U | U | U | | 250.00 U | U | U | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | UJ | C | 120.00 U | UJ | UJ | C | 120.00 U | UJ | UJ | C | 120.00 U | UJ | UJ | C |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | | 5000.00 U | U | U | | 5000.00 U | U | U | | 5000.00 U | U | U | |
| NITROGLYCERIN | 2500.00 U | U | U | | 2500.00 U | U | U | | 2500.00 U | U | U | | 2500.00 U | U | U | |

Depths are measured in feet below ground surface

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-5 | B-5 | B-5 | B-5 |
|-----------------------------|----------------------|---------------------|---------------------|--------------|
| LAB_EPA_NO | AC286 | AC287 | AC288 | AC289 |
| Date Sampled | 5/6/99 | 5/6/99 | 5/6/99 | 5/6/99 |
| Depth | 5-6 | 6-7 | 7-8 | 8-9 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE |
| 8330N (UG/KG) | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 160.00 J | *9 | | |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | | |
| 1,3-DINITROBENZENE | 120.00 U | U | | |
| TETRYL | 120.00 U | U | | |
| NITROBENZENE | 120.00 U | U | | |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | | |
| 2,6-DINITROTOLUENE | 120.00 U | U | | |
| 2,4-DINITROTOLUENE | 120.00 U | U | | |
| PICRIC ACID | 120.00 U | UJ | Q | |
| 2-NITROTOLUENE | 120.00 U | U | | |
| 4-NITROTOLUENE | 120.00 U | U | | |
| 3-NITROTOLUENE | 120.00 U | U | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | UJ | Q | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | C,Q | |
| PENTAERYTHRITOL TETRANITI | 5000.00 U | U | | |
| NITROGLYCERIN | 2500.00 U | U | | |

Depths are measured in feet below ground surface

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-5 | B-5 | B-5 | B-5 | B-5 |
|------------------------------|-------------------|----------|----------|-------------------|----------|
| LAB_EPA_NO | AC291 | AC374 | AC292 | AC294 | AC295 |
| Date Sampled | 5/6/99 | 5/6/99 | 5/6/99 | 5/6/99 | 5/6/99 |
| Depth | 10-11 | 10-11 | 11-12 | 13-14 | 14-15 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL |
| | | | | | |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | C | 120.00 U | UJ |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

| GIS_LOCID | B-5 | B-6 | B-6 | B-6 |
|------------------------------|-------------------|----------|----------|-----------|
| LAB_EPA_NO | AC296 | AC298 | AC725 | AC299 |
| Date_Sampled | 5/6/99 | 5/5/99 | 6/8/99 | 5/5/99 |
| Depth | 15-16 | 3-4 | 42-44 | 4-5 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| 8330N (UG/KG) | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | | |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | | |
| 1,3-DINITROBENZENE | 120.00 U | U | | |
| TETRYL | 120.00 U | U | | |
| NITROBENZENE | 120.00 U | U | | |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | | |
| 2,6-DINITROTOLUENE | 120.00 U | U | | |
| 2,4-DINITROTOLUENE | 120.00 U | U | | |
| PICRIC ACID | 120.00 U | UJ | Q | |
| 2-NITROTOLUENE | 120.00 U | U | | |
| 4-NITROTOLUENE | 120.00 U | U | | |
| 3-NITROTOLUENE | 120.00 U | U | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | C | |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | | |
| NITROGLYCERIN | 2500.00 U | U | | |

Depths are measured in feet below ground surface

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| GIS_LOCID | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | 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|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-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Depths are measured in feet below ground surface

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 | B-6 |
|-----------------------------|---------|--------|---------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LAB_EPA_NO | AC309 | AC310 | AC696 | AC697 | AC698 | | | | | | | | | | | | | |
| Date_Sampled | 5/5/99 | 5/5/99 | 6/7/99 | 6/7/99 | 6/7/99 | | | | | | | | | | | | | |
| Depth | 14-15 | 15-16 | 16-18 | 16-20 | 20-22 | | | | | | | | | | | | | |
| Method | | | | | | | | | | | | | | | | | | |
| Analyte | | | | | | | | | | | | | | | | | | |
| 8330N (UG/KG) | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 | U | 380.00 | | J | | | | | | | | | | | | | |
| 1,3,5-TRINITROBENZENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 1,3-DINITROBENZENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| TETRYL | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| NITROBENZENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 2,4,6-TRINITROTOLUENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 2,6-DINITROTOLUENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 2,4-DINITROTOLUENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| PICRIC ACID | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 2-NITROTOLUENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 4-NITROTOLUENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 3-NITROTOLUENE | 120.00 | U | 120.00 | U | U | | | | | | | | | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 | U | 250.00 | U | U | | | | | | | | | | | | | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 | U | 120.00 | U | UJ | C | | | | | | | | | | | | C |
| PENTAERYTHRITOL TETRANITR | 5000.00 | U | 5000.00 | U | U | | | | | | | | | | | | | U |
| NITROGLYCERIN | 2500.00 | U | 2500.00 | U | U | | | | | | | | | | | | | U |

Depths are measured in feet below ground surface

Ogden Environmental and Energy Services

OEES Technical Information Systems RCEN Ver. 2w

GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-6 | B-6 | B-6 | B-6 |
|-----------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| LAB_EPA_NO | AC699 | AC700 | AC701 | AC704 |
| Date Sampled | 6/7/99 | 6/7/99 | 6/7/99 | 6/7/99 |
| Depth | 22-24 | 24-26 | 26-28 | 32-34 |
| Method Analyte | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE |
| | REV QUAL | REV QUAL | REV QUAL | REV QUAL |
| | QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE |
| 8330N (UG/KG) | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 3400.00 | | | |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | | |
| 1,3-DINITROBENZENE | 120.00 U | U | | |
| TETRYL | 120.00 U | U | | |
| NITROBENZENE | 120.00 U | U | | |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | | |
| 2,6-DINITROTOLUENE | 120.00 U | U | | |
| 2,4-DINITROTOLUENE | 120.00 U | U | | |
| PICRIC ACID | 120.00 U | U | | |
| 2-NITROTOLUENE | 120.00 U | U | | |
| 4-NITROTOLUENE | 120.00 U | U | | |
| 3-NITROTOLUENE | 120.00 U | U | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ C | | |
| PENTAERYTHRITOL TETRANITI | 5000.00 U | U | | |
| NITROGLYCERIN | 2500.00 U | U | | |

Depths are measured in feet below ground surface

Ogden Environmental and Energy Services

GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-6 | B-6 | B-6 | B-6 | B-6 |
|-----------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|
| LAB_EPA_NO | AC705 | AC706 | AC722 | AC707 | AC708 |
| Date Sampled | 6/7/99 | 6/7/99 | 6/7/99 | 6/7/99 | 6/8/99 |
| Depth | 34-36 | 36-38 | 36-38 | 38-40 | 40-42 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 150.00 J | *9 | J | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | C | UJ | 120.00 U | C |
| PENTAERYTHRITOL TETRANITI | 5000.00 U | U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

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GROUP C: EXPLOSIVES (SOIL)

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-7 | B-7 | B-7 | B-7 | B-8 | | | |
|--|-------------------|----------|----------|-----------|-------------------|-----------|----------|-----------|
| LAB_EPA_NO | AC321 | AC322 | AC323 | AC324 | AC326 | | | |
| Date Sampled | 5/7/99 | 5/7/99 | 5/7/99 | 5/7/99 | 5/7/99 | | | |
| Depth | 12-13 | 13-14 | 14-15 | 15-16 | 3-4 | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| 8330N (UG/KG) | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | | | 120.00 U | U | |
| HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRINITROBENZENE | 120.00 U | U | U | | | 120.00 U | U | |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | | | 120.00 U | U | |
| 1,3-DINITROBENZENE | 120.00 U | U | U | | | 120.00 U | U | |
| TETRYL | 120.00 U | U | U | | | 120.00 U | U | |
| NITROBENZENE | 120.00 U | U | U | | | 120.00 U | U | |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | | | 120.00 U | U | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | | | 120.00 U | U | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | | | 120.00 U | U | |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | | | 120.00 U | U | |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | | | 120.00 U | U | |
| PICRIC ACID | 120.00 U | U | UJ | Q | | 120.00 U | U | |
| 2-NITROTOLUENE | 120.00 U | U | U | | | 120.00 U | U | |
| 4-NITROTOLUENE | 120.00 U | U | U | | | 120.00 U | U | |
| 3-NITROTOLUENE | 120.00 U | U | U | | | 120.00 U | U | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | | | 250.00 U | U | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | UJ | C | | 120.00 U | UJ | C |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | | | 5000.00 U | U | |
| NITROGLYCERIN | 2500.00 U | U | U | | | 2500.00 U | U | |

Depths are measured in feet below ground surface

Ogden Environmental and Energy Services

GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-8 | B-8 | B-8 | B-8 |
|-----------------------------|------------------------------------|---------------|------------------------------------|---------------|
| LAB_EPA_NO | AC327 | AC328 | AC329 | AC331 |
| Date Sampled | 5/7/99 | 5/7/99 | 5/7/99 | 5/7/99 |
| Depth | 4-5 | 5-6 | 6-7 | 8-9 |
| Method Analyte | ANALYTICAL RESULT LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/KG) | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ C | 120.00 U | UJ C |
| PENTAERYTHRITOL TETRANITI | 5000.00 U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

| GIS_LOCID | B-8 | B-8 | B-8 | B-8 | B-8 | B-8 |
|----------------|-----------------------------|---------------|---------------|-------------------|---------------|---------------|
| LAB_EPA_NO | AC332 | AC333 | AC383 | AC335 | AC337 | |
| Date Sampled | 5/7/99 | 5/7/99 | 5/7/99 | 5/7/99 | 5/7/99 | |
| Depth | 9-10 | 10-11 | 10-11 | 13-14 | 14-15 | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/KG) | | | | | | |
| | OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | | | |
| | HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | | | |
| | 1,3,5-TRINITROBENZENE | 120.00 U | U | | | |
| | 1,3-DINITROBENZENE | 120.00 U | U | | | |
| | TETRYL | 120.00 U | U | | | |
| | NITROBENZENE | 120.00 U | U | | | |
| | 2,4,6-TRINITROTOLUENE | 120.00 U | U | | | |
| | 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | | | |
| | 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | | | |
| | 2,6-DINITROTOLUENE | 120.00 U | U | | | |
| | 2,4-DINITROTOLUENE | 120.00 U | U | | | |
| | PICRIC ACID | 120.00 U | UJ | | | |
| | 2-NITROTOLUENE | 120.00 U | U | | | |
| | 4-NITROTOLUENE | 120.00 U | U | | | |
| | 3-NITROTOLUENE | 120.00 U | U | | | |
| | 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | | | |
| | 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | | | |
| | PENTAERYTHRITOL TETRANITR | 5000.00 U | U | | | |
| | NITROGLYCERIN | 2500.00 U | U | | | |
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Depths are measured in feet below ground surface

VALIDATED MMR DATA, OCTOBER 1999

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GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-8 | B-9 | B-9 | B-9 | B-9 |
|------------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|
| LAB_EPA_NO | AC338 | AC730 | AC731 | AC342 | AC732 |
| Date_Sampled | 5/7/99 | 6/9/99 | 6/9/99 | 5/6/99 | 6/9/99 |
| Depth | 15-16 | 42-44 | 44-46 | 5-6 | 46-48 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | C | 120.00 U | UJ |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

GROUP C: EXPLOSIVES (SOIL)

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Depths are measured in feet below ground surface

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TECHNICAL INFORMATION KUDEN VER 2.7

Ogden Environmental and Energy Services

GROUP C: EXPLOSIVES (SOIL)

| GIS LOCID | B-9 | | | | B-9 | | | | B-9 | | | |
|-----------------------------|-------------------|-------------------|----------|-------------------|-------------------|----------|-------------------|-------------------|----------|-------------------|-------------------|----------|
| | LAB EPA_NO | ANALYTICAL RESULT | REV QUAL | LAB QUAL | ANALYTICAL RESULT | REV QUAL | LAB QUAL | ANALYTICAL RESULT | REV QUAL | LAB QUAL | ANALYTICAL RESULT | REV QUAL |
| LAB EPA_NO | AC351 | AC352 | AC709 | AC710 | AC734 | | | | | | | |
| Date Sampled | 5/6/99 | 5/6/99 | 6/9/99 | 6/9/99 | 6/9/99 | | | | | | | |
| Depth | 14-15 | 15-16 | 16-18 | 18-20 | 18-20 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | REV QUAL | LAB QUAL | ANALYTICAL RESULT | REV QUAL | LAB QUAL | ANALYTICAL RESULT | REV QUAL | LAB QUAL | ANALYTICAL RESULT | REV QUAL | LAB QUAL |
| 8330N (UG/KG) | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 1,3-DINITROBENZENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| TETRYL | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| NITROBENZENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 2,6-DINITROTOLUENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 2,4-DINITROTOLUENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| PICRIC ACID | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 2-NITROTOLUENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 4-NITROTOLUENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 3-NITROTOLUENE | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | | 120.00 U | U | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | | 250.00 U | U | | 250.00 U | U | | 250.00 U | U | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | C | 120.00 U | UJ | C | 120.00 U | UJ | C | 120.00 U | UJ | C |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | | 5000.00 U | U | | 5000.00 U | U | | 5000.00 U | U | |
| NITROGLYCERIN | 2500.00 U | U | | 2500.00 U | U | | 2500.00 U | U | | 2500.00 U | U | |

Depths are measured in feet below ground surface

GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-9 | B-9 | B-9 | B-9 |
|-----------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| LAB_EPA_NO | AC711 | AC712 | AC713 | AC714 |
| Date Sampled | 6/9/99 | 6/9/99 | 6/9/99 | 6/9/99 |
| Depth | 20-22 | 22-24 | 24-26 | 26-28 |
| Method Analyte | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE | ANALYTICAL RESULT LAB QUAL CODE |
| | REV QUAL | REV QUAL | REV QUAL | REV QUAL |
| | QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE |
| 8330N (UG/KG) | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITR | 120.00 U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ C | 120.00 U | C |
| PENTAERYTHRITOL TETRANITI | 5000.00 U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

Ogden Environmental and Energy Services

GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-9 | B-9 | B-9 | B-9 | B-9 |
|------------------------------|-------------------|---------------|---------------|-------------------|---------------|
| LAB_EPA_NO | AC716 | AC717 | AC718 | AC719 | AC736 |
| Date Sampled | 6/9/99 | 6/9/99 | 6/9/99 | 6/9/99 | 6/9/99 |
| Depth | 30-32 | 32-34 | 34-36 | 36-38 | 36-38 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| | | | | | |
| 8330N (UG/KG) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | 120.00 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | U | 120.00 U | U |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| TETRYL | 120.00 U | U | U | 120.00 U | U |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | UJ | C | 120.00 U | UJ |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | 5000.00 U | U |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U |

Depths are measured in feet below ground surface

GROUP C: EXPLOSIVES (SOIL)

| GIS_LOCID | B-9 | B-9 | Intentionally blank | | | | Intentionally blank | | | | Intentionally blank | | | |
|------------------------------|----------------------|-------------|---------------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|---------------------|-------------|----------------------|-------------|
| LAB EPA_NO | AC720 | AC721 | | | | | | | | | | | | |
| Date Sampled | 6/9/99 | 6/9/99 | | | | | | | | | | | | |
| Depth | 38-40 | 40-42 | | | | | | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL |
| 8330N (UG/KG) | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANITRO | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 1,3,5-TRINITROBENZENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 1,3-DINITROBENZENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| TETRYL | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| NITROBENZENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 2,4,6-TRINITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 2,6-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 2,4-DINITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| PICRIC ACID | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 2-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 4-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 3-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 U | U | U | 250.00 U | U | U | | | | | | | | |
| 2,4-DIAMINO-6-NITROTOLUENE | 120.00 U | U | U | 120.00 U | U | U | | | | | | | | |
| PENTAERYTHRITOL TETRANITR | 5000.00 U | U | U | 5000.00 U | U | U | | | | | | | | |
| NITROGLYCERIN | 2500.00 U | U | U | 2500.00 U | U | U | | | | | | | | |

Depths are measured in feet below ground surface

